



# HONING COMPOUND BAR (USA) Safety Data Sheet

LEAF/HS/U\*DWSHP

Safety Data Sheet to OSHA Hazcom Standard 29 CFR 1910.1200.

Date of issue: 21st April 2022

Revision date: 21st April 2022 Replaces version 3.0

Version: 4.0

dated: 20th Jan 2017

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Product name : Honing Compound Bar  
Product code : U\*DWS/HP/US, 12680 Micro Fine Honing Compound

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Abrasive/buffing compound.

#### 1.2.2. Uses advised against

No additional information available.

### 1.3. Details of the supplier of the safety data sheet

Trend Routing Technology Inc.  
7351 West Friendly Avenue, Suite A  
Greensboro NC 37410  
USA  
T (336)-292-5051  
F (336)-292-5061

[www.trend-usa.com](http://www.trend-usa.com)

Email address of competent person responsible for SDS:

[technical@trend-usa.com](mailto:technical@trend-usa.com)

### 1.4. Emergency telephone number

Emergency number : 1-800-242-2833 Formax Mfg. Corporation

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification : Irritant

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). Trend USA honing, polishing & buffing compounds are formulated with abrasives surrounded in a matrix of grease binders, waxes and or soap / water emulsions. Ingredient ratio proportions can be and are varied to meet individual buffing needs and surface conditioning.

Buffing compounds shipped do not present a hazard.

Buffing operations may cause lint and abrasive residue particulates to be created. Proper ventilation and respirator recommended.

### POTENTIAL HEALTH EFFECTS

Eye: May cause eye irritation.


Skin: May cause mild skin irritation.

Ingestion: Large oral doses may cause irritation

Inhalation: Avoid breathing dust when used in a buffing process

Chronic: None expected

### 2.2. Label elements

Emergency Overview	
Signal word	: Warning
Hazard pictograms	:  GHS07
Hazard statements	: None

The product contains no substances which at their given concentration, are considered to be hazardous to health.



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Appearance: Dark green

Physical State: Solid

Odor: Fatty Odor

Precautionary Statements - Prevent : P201 - Obtain special instructions before use.  
: P261 - Avoid breathing dust from buffing operations.  
: P264 - Wash thoroughly after handling.  
: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

: P302 + P352 - If on Skin: Wash with soap and water.  
: P305 + P351 - If in eyes: Wash cautiously with water for 15 minutes.

Precautionary Statements - Response : None  
Precautionary Statements - Storage : None  
Precautionary Statements - Disposal : None

### 2.3. Other hazards

Hazards not otherwise classified (HNOC) : None  
Unknown toxicity : None  
Other information : May cause slight eye irritation.  
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

Interactions with Other Chemicals : No information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixture

Chemical Name	CAS No.	Weight %	Trade Secret
Aluminum oxide	1344-28-1	30 - 60	*
Chromium (III) oxide	1308-38-9	15 - 40	*
Stearic acid	57-11-4	5 - 10	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after eye contact : Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

First-aid measures after skin contact : Wash skin with soap and water. In case of skin irritation or allergic reactions see a physician.

First-aid measures after inhalation : Remove to fresh air. If symptoms persist, call a physician.

First-aid measures after ingestion : Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : CAUTION: Use of Water spray when fighting fire may be inefficient.



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## 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

## 5.3. Advice for firefighters

Protective equipment : As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Explosion data

Sensitivity to mechanical impact : No  
Sensitivity to static discharge : No

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel  
Emergency procedures : Avoid contact with eyes.

### 6.2. Environmental precautions

Refer to protective measures listed in Sections 7 and 8.

### 6.3. Methods and material for containment and cleaning up

Methods for containment : Prevent further leakage or spillage if safe to do so.  
Methods for cleaning up : Pick up and transfer to properly labeled containers.

### 6.4. Reference to other sections

No further information available.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed.  
Incompatible products : None known based on information supplied.  
Incompatible materials : Store away from strong acids or oxidizers.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum oxide 1344-28-1	TWA: 1 mg/m3 respirable fraction	TWA: 15 mg/m3 total dust TWA: 5 mg/m3 respirable fraction vacated (TWA): 10 mg/m3 total dust vacated (TWA): 5 mg/m3 respirable	
Chromium (III) oxide 1308-38-9	TWA: 0.5 mg/m3 Cr	TWA: 0.5 mg/m3 Cr (vacated) TWA: 0.5 mg/m3 Cr	IDLH: 25 mg/m3 Cr(III) TWA: 0.5 mg/m3 Cr

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Death.

#### Other exposure guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See Section 15 for national exposure control parameters.



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## 8.2. Exposure controls

### Appropriate engineering controls

Engineering measures : Showers  
: Eyewash stations  
: Ventilation systems

### Individual protection measures, such as personal protective equipment

Eye/face protection : For buffing machine wear safety glasses and /or face shield helmets. See OSH 29 CFR 1910.122 (Safety Glasses).

Skin and body protection : Protective work clothing, heavy duty gloves, body apron or belly pads, safety shoes as needed.

Respiratory protection : Respiratory protection (specify type): OSHA 24 CFR/134 NIOSH/MSHA Approved respirators for particulates from buffing debris. If exposure limits are exceeded or irritation is experienced, ventilation and evaporation may be required.

Hearing protection : Avoid prolonged excessive noise levels created by buffing and polishing operations. See: OSHA 26 CFR 1910.215 (Hearing Protection).

Hygienic measures : Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Premolded cake form

Color : Dark green

Odor : Fatty odor

Odor threshold : No information available

pH : No data available

Relative evaporation rate : Nil

Melting point : 131 °F

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Flammability (solid, gas) : No data available

Upper flammability limit in air : No data available

Lower flammability limit in air : No data available

Vapor pressure : No data available

Vapor density : No data available

Specific gravity : No data available

Water solubility : Negligible

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Auto ignition temperature : No data available

Decomposition temperature : No data available

Kinematic viscosity : No data available

Dynamic viscosity : No data available

Explosive properties : No data available

Oxidizing properties : No data available

### 9.2. Other information

Softening point : No data available

VOC Content (%) : No data available

Particle size : No data available

Particle size distribution : No data available



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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Using under conditions of insufficient dust collecting systems or ventilation.

### 10.5. Incompatible materials

Strong oxidizers or Reducing agents.

### 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

Product information	: Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	: Specific test data for the substance or mixture is not available.
Eye contact	: Specific test data for the substance or mixture is not available.
Skin contact	: Specific test data for the substance or mixture is not available.
Ingestion	: Specific test data for the substance or mixture is not available.

#### Component information

##### Aluminum oxide (1344-28-1)

LD50 - oral rat	> 5000 mg/kg
LD50 - dermal	-
LC50 - inhalation	-

#### Information on toxicological effects

Symptoms : No information available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	: No information available
Mutagenic effects	: No information available
Carcinogenicity	: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Chromium (III) oxide 1308-38-9		Group 3		

#### IARC (International Agency for Research on Cancer)

Group 3 - Not classified as to Carcinogenicity in Humans.

Reproductive toxicity	: No information available
STOT - single exposure	: No information available



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STOT - repeated exposure	: No information available
Chronic toxicity	: No known effect based on information supplied. Carcinogenic potential is unknown.
Target organ effects	: Eyes. Respiratory system. Skin. Lungs.
Aspiration hazard	: No information available

## Numerical measures of toxicity - product information

The following values are calculated based on chapter 3.1 : Not applicable of the GHS document.

## SECTION 12: Ecological information

### 12.1. Toxicity

The environmental impact of this product has not been fully investigated.

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal methods : This material, as supplied, is not hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging : Dispose of contents/container in accordance with local regulations.



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Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Chromium (III) oxide (1308-38-9)			D007	

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Chromium (III) oxide (1308-38-9)	Toxic Corrosive Ignitable

## SECTION 14: Transport information

<b>DOT</b>	: NOT REGULATED
Proper shipping name	: <b>NMFC-48580 Scouring Compound (cake, paste or liquid form N.O.I.)</b>
Hazard class	: Not applicable
<b>TDG</b>	: Not regulated
<b>MEX</b>	: Not regulated
<b>ICAO</b>	: Not regulated
<b>IATA</b>	: Not regulated
Proper shipping name	: NON REGULATED
Hazard class	: Not applicable
<b>IMDG/IMO</b>	: Not regulated
Hazard class	: Not applicable
<b>RID</b>	: Not regulated
<b>ADR</b>	: Not regulated
<b>ADN</b>	: Not regulated

## SECTION 15 : Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International inventories

TSCA	: Complies
DSL	: All components on the DSL or NDSL.
TSCA - United States Toxic Substances Control Act Section 8 (b) Inventory.	
DSL/NDSL - Canadian Domestic Substances List /Non-Domestic Substances List.	

#### US Federal Regulations

##### SARA 313

Section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	CAS no	Weight-%	SARA 313 - Threshold
Aluminum oxide (1344-28-1)	1344-28-1	30 - 60	1.0
Chromium (III) oxide (1308-38-9)	1308-38-9	15 - 40	0.1



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## SARA 311/312 Hazard categories

Acute health hazard : No  
 Chronic health hazard : No  
 Fire hazard : No  
 Sudden release of pressure hazard : No  
 Reactive hazard : No

## CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Chromium (III) oxide (1308-38-9)		X		

## CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

## USA State Regulations

### California Proposition 65



**WARNING:** This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

## U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Aluminum oxide (13344-28-1)	X	X	X	X	
Chromium (III) oxide (1308-38-9)	X	X	X	X	X
Supplier Trade Secret			X		

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## International Regulations

### Mexico

National occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Aluminum oxide (1344-28-1) (30 - 60)		Mexico: TWA = 10 mg/m3
Chromium (III) oxide (1308-38-9) (15 - 40)		Mexico: TWA = 0.5 mg/m3

*Mexico - Occupational Exposure Limits - Carcinogens*

### Canada

WHMIS Hazard class : Non controlled





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## SECTION 16: Other information

<b>NFPA</b>	<b>Health hazards 1</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health hazards 1</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Physical and chemical hazards - X</b>

User notes	: Sections revised Header 1 - 16
Data sources	: Suppliers own data sheet (Formax MFG. Corporation). Issue date: 1st Jan 2014. Revision date: 1st Jan 2022, received 20th Apr 2022. Revision number 2.
Other information	: Not applicable
Trend SDS reference	: LEAF/HS/U*DWSHP

Full text:	
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
ADN	The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG	International Maritime Code for Dangerous Goods
DOT	US Department of Transportation
IATA	International Air Transport Association
IARC	International Agency for Research on Cancer
ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service (division of the American Chemical Society)
NFPA	National Fire Protection Association (USA)
HMIS	Hazardous Materials Identification System (USA)
STOT	Specific Target Organ Toxicity
NTP	National toxicology Program
OSHA	Occupational Safety and Health Administration
GHS	Global Harmonised Standard
RCRA	Resource Conservation and Recovery Act
TDG	Transport of Dangerous Goods
ICAO	International Civilian Aviation Organization
IMO	International Maritime Organization
RID	Règlement concernant le transport International ferroviare des marchandises
TSCA	United States Toxic Substances Control Act Section 8 (b) Inventory
DSL	Canadian Domestic Substances List
NDSL	Canadian Non-Domestic Substances List
SARA	Superfund Amendments and Reauthorization Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CWA	Clean Water Act
TLV	Threshold Limit Value
TWA	Time Weighted Average
PEL	Permissible Exposure Limits
NIOSH	National Institute of Occupational Safety and Health
IDLH	Immediately Dangerous to Life or Death

Safety Data Sheet (SDS), USA



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*The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Precautions to be taken in handling and storing: Handle with adequate ventilation for nuisance dust when using. See OSHA 29 CFR 1910.24 (Ventilation) and 29 CFR 1910.1000 (Air Contaminants). Other precautions: Keep liquids from freezing. Store away from excessive heat. The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Formax Mfg. makes no warranty with respect to the accuracy of the information or the suitability of the recommendation. and assumes no liability to any user thereof.*